

I Claim:

1. A manufacturing process of a Teflon dual-direction
extending film filtration nonwoven having process method of,
a dual-direction extending film is splitted to become flock
5 or lint;

a layer of flock or lint and a layer of dual-direction
extending film have to be processed by carding and
multi-laying;

processed by needle-punching;

10 laminate with a Teflon film and adhere-combined by
thermo-heating, a filtration nonwoven finished product is made.

2. A manufacturing process of a Teflon dual-direction
extending film filtration nonwoven as claimed in Claim 1, said
15 flock or lint structure is added with a layer of dual-direction
extending film, and can be multi-layers.

3. A manufacturing process of a Teflon dual-direction
extending film filtration nonwoven as claimed in Claim 1,
20 ultrasonic adhering, high cycle wave adhering and adhering by
adhesives can be used instead of said thermo-heating for
adhered-combining.

4. A manufacturing process of a Teflon dual-direction
25 extending film filtration nonwoven having the following
manufacturing processes,
multi-laying of film (or dual-direction extending film);

apply needle-punching;
laminate with a Teflon film, then adhere-combined by
thermo-heating, a filtration nonwoven finished product is made.

5 5. A manufacturing process of a Teflon dual-direction
extending film filtration nonwoven as claimed in Claim 4,
ultrasonic adhering, high cycle wave adhering and adhering by
adhesives can be used instead of said thermo-heating for
adhered-combining.

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6. A manufacturing process of a Teflon dual-direction
extending film filtration nonwoven as claimed in Claim 4, said
film (or dual-direction extending film) can be processed by
film-splitting first.

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